



# STIC Search Report

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TO: Sarvamangala Devi  
Art Unit: 1645  
Location: REM - 3C18  
Serial Number: 10/630223

9.20.06

From: Beverly Shears  
Location: Biotech-Chem Library  
REM 1A54  
Phone: 571-272-2528  
beverly.shears@uspto.gov

### Search Notes

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Shears, Beverly

~~2023594369~~ 202361

From: Devi, Sarvamangala  
Sent: Monday, September 18, 2006 2:52 PM  
To: STIC-Biotech/ChemLib  
Cc: Shears, Beverly  
Subject: 10630,223

Please ask Ms. Beverly Shears to perform this search:

Please perform a text search for the following claims. Please include an inventors' name search for Francis Michon, John Kim, Arun Sarkar, and Catherine Uitz.

Claim 1. A multivalent or polyvalent conjugate (glycoconjugate) comprising a carrier protein (polypeptide) with three to six different bacterial capsular polysaccharides conjugate (covalently linked) thereto.

Claim 2. The multivalent conjugate of claim 1 wherein the conjugate is a GBS (group B streptococc?) conjugate and said three capsular polysaccharides are GBS type Ia, type III, and type V GBS capsular polysaccharides.

Claim 3. The multivalent conjugate of claim 1 wherein the carrier protein is C beta protein, tetanus toxoid (TT), diphtheria toxoid (DT), CRM197, porin or OMP.

Claim 4. The multivalent conjugate of claim 1 wherein the bacterial capsular polysaccharides are of a size of between 80 and 120 kilodaltons.

Claim 5. The multivalent conjugate of claim 2 wherein between about 5 and 20% of the sialic acid residues of said capsular polysaccharides are covalently linked to the carrier protein.

Claim 6. The multivalent conjugate of claim 2 wherein the capsular polysaccharides are present in equimolar amounts.

Thanks.

S. DEVI, Ph.D.  
Primary Examiner  
AU 1645  
Rems - 3C18

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Searcher: Beverly e 2528  
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Search Site  
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